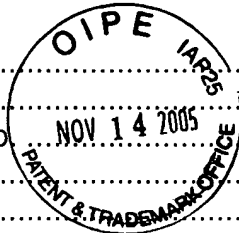


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COFC  
#8  
[Signature]



Patent No. .... 6,552,394 B2  
Patent Issue Date ..... April 22, 2003  
Application Serial No. .... 09/998,420  
Filing Date ..... November 29, 2001  
Assignee ..... Micron Technology, Inc.  
Inventorship ..... Aftab Ahmad, et al.  
Attorney's Docket No. .... MI22-1885  
Customer No. .... 021567  
Title: Semiconductor Transistor Devices and Structures With Halo Regions

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR  
APPLICANT MISTAKES and PTO MISTAKES (37 C.F.R. §§ 1.322(a) and 1.323)**

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: Decision and Certificate of Correction  
Branch of the Patent Issue Division

From: James E. Lake (Tel. 509-624-4276; Fax 509-838-3424)  
Wells St. John P.S.  
601 W. First Avenue, Suite 1300  
Spokane, WA 99201-3828

**Certificate  
NOV 18 2005  
of Correction**

Sir:

It is hereby requested that a Certificate of Correction be issued with respect to Patent No. 6,552,394 B2, granted April 22, 2003, in accordance with the Certificate of Correction form attached hereto in duplicate.

It is noted that errors appear in this patent of a typographical nature of character, as more fully described below. The errors occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination.

The exact page and line number where the errors occur in the application file are:

**Page 31, line 3 of the specification/Col. 13, line 39 of the issued patent;**

**Page 35, line 19 of the specification/Col. 15, line 34 of the issued patent;**

NOV 21 2005

**Page 37, line 15 of the specification/Col. 16, line 18 of the issued patent; and,  
Page 40, line 21 of the specification/Col. 17, line 42 of the issued patent.**

Other errors listed on the Certificate of Correction form were apparently incurred through the fault of the PTO as will be disclosed by the records of files in the Office.

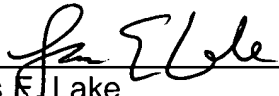
Corrections to the drawings were requested in the Letter Submitting Formal Drawings, filed November 28, 2001, and the annotated drawings that accompanied it. Fig. 18; Fig. 21; and Fig. 29 have not been corrected pursuant to the letter and drawings submitted on November 28, 2001.

Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

Enclosed is a check in the amount of \$100.00, as required by 37 CFR 1.20(a).

Respectfully submitted,

Dated: 09 Nov 2005

By:   
James E. Lake  
Reg. No. 44,854

NOV 14 2005  
PTO & TRADE MARK OFFICE

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 100.00

### Complete if Known

Application Number 09/998,420 (6,552,394 B2)  
Filing Date November 29, 2001 (April 22, 2003)  
First Named Inventor Aftab Ahmad  
Examiner Name Ori Nadav  
Art Unit 2811  
Attorney Docket No. MI22-1885

### METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_
- ☒ Deposit Account Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John P.S.
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   | 0.00           |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    | 0.00           |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    | 0.00           |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   | 0              |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     | 0.00           |

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 (including Reissues)  
Each independent claim over 3 (including Reissues)  
Multiple dependent claims

| Fee (\$) | Small Entity Fee (\$) |
|----------|-----------------------|
| 50       | 25                    |
| 200      | 100                   |
| 360      | 180                   |

Total Claims Extra Claims Fee (\$)

- 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = 0.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$)

- 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = 0.00

HP = highest number of independent claims paid for, if greater than 3.

Multiple Dependent Claims

Fee (\$) Fee Paid (\$)

0.00

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)

- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = 0.00

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)


Other (e.g., late filing surcharge): Req for Cert. of Correction-App and PTO errors

Fees Paid (\$)

0.00

100.00

#### SUBMITTED BY

Signature  Registration No. (Attorney/Agent) 44,854 Telephone (509) 624-4276

Name (Print/Type) James E. Lake Date 09 Nov 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

NOV 21 2005



|   |                        |   |
|---|------------------------|---|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 09/998,420 (U.S. Pat. No. 6,552,394)      |
|   | Filing Date            | November 29, 2001 (Issued April 22, 2003) |
|   | First Named Inventor   | Aftab Ahmad                               |
|   | Art Unit               | 2811                                      |
|   | Examiner Name          | Ori Nadav                                 |
| Total Number of Pages in This Submission  | Attorney Docket Number | MI22-1885                                 |

| ENCLOSURES (Check all that apply)   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                  | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input checked="" type="checkbox"/> Fee Attached                          | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply                                  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                      | <input type="checkbox"/> Request for Refund   | PTO Return Receipt Postcard   |
| <input type="checkbox"/> Information Disclosure Statement                 | <input type="checkbox"/> CD, Number of CD(s) _____                                      | Check no. 146164 for \$100.00   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)           | <input type="checkbox"/> Landscape Table on CD  | Req. for Certificate of Correction-App and PTO errors                                   |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application    |   | Certificate of Correction in duplicate  |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |
| <b>Remarks</b><br>Customer No. 021567                                     |   |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                     |          |        |
|--|---------------------|----------|--------|
| Firm Name                                  | Wells St. John P.S. |          |        |
| Signature                                  |                     |          |        |
| Printed name                               | James E. Lake       |          |        |
| Date                                       | 09 Nov 2005         | Reg. No. | 44,854 |

| CERTIFICATE OF TRANSMISSION/MAILING   |                    |      |                   |
|---|--------------------|------|-------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |                    |      |                   |
| Signature   |                    |      |                   |
| Typed or printed name   | Muriel G. Dunnigan | Date | November 09, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,552,394 B2

DATED : April 22, 2003

INVENTOR(S) : Aftab Ahmad, et al.

It is certified that errors appear in the above-identified patent and that aid Letters Patent is hereby corrected as shown below:

In the Drawings, at Fig. 18:

Replace "56"

With --54--

In the Drawings, at Fig. 21:

Replace "56"

With --54--

In the Drawings, at Fig. 29:

Replace "307"

With --311--

In Related Patent Data Col. 1: Delete lines 6-10

Col. 10, Line 53:

Replace "transistor By device **105** and an array of NMOS memory"

With --transistor device **105** and an array of NMOS memory--

Col. 13, Line 39:

Replace "and is implanted under the either the conditions described"

With --and is implanted under either of the conditions described--

Page  
1 of 2

**Mailing Address of Sender:**

James E. Lake, Reg. No. 44,854  
Wells St. John P.S.  
601 West First Avenue, Suite 1300  
Spokane, WA 99201-3828

Patent No. 6,552,394 B2

NOV 21 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,552,394 B2

DATED : April 22, 2003

INVENTOR(S) : Aftab Ahmad, et al.

It is certified that errors appear in the above-identified patent and that aid Letters Patent is hereby corrected as shown below:

Col. 15, Line 34:

Replace "form of an array of NMOS memory transistors **303** with"  
With --form an array of NMOS memory transistors **303** with--

Col. 16, Line 18:

Replace "about  $1 \times 10^{12}$  atoms/cm<sup>2</sup> to about  $1 \times 10^{12}$  atoms/cm<sup>2</sup> and at"  
With --about  $1 \times 10^{12}$  atoms/cm<sup>2</sup> to about  $1 \times 10^{13}$  atoms/cm<sup>2</sup> and at--

Col. 17, Line 18:

Replace "an insulating layer complicates later processes forming"  
With --an insulating layer complicates later processing of forming--

Col. 17, Line 42:

Replace "Referring to FIG. **34**, a dopant **358** is implanted an angle"  
With --Referring to FIG. **34**, a dopant **358** is implanted at an angle--

Page  
2 of 2

**Mailing Address of Sender:**

James E. Lake, Reg. No. 44,854  
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601 West First Avenue, Suite 1300  
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Patent No. 6,552,394 B2

NOV 21 2005